

PRELIMINARY AMENDMENT
New U.S. National Stage Entry of PCT/JP2004/005288

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1 - 18 (canceled).

19. (new) A mobile communication system, comprising: a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture; a radio base station which communicates with said mobile terminal unit via a radio channel; and a radio controller which controls said radio base station, and is physically separated into first control means for controlling transfer of signaling and second control means for accommodating said radio base station under the control and controlling transfer of user data; and a radio base station replacement control apparatus which controls replacement of said radio base station.

20. (new): A mobile communication system, comprising: a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture; a radio base station which communicates with said mobile terminal unit via a radio channel; and a radio controller which controls said radio base station, and is physically separated into first control means for performing control independent of a radio transmission scheme and second control means for accommodating said radio base station under the control and

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performing control depending on a radio transmission scheme; and a radio base station replacement control apparatus which controls replacement of said radio base station.

21. (new): A mobile communication systems comprising: a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture; a radio base station which communicates with said mobile terminal unit via a radio channel; and a radio controller which controls said radio base station; and is physically separated into first control means for controlling transfer of signaling and second control means for accommodating said radio base station under the control and controlling transfer of user data, said second control means performing control depending on a radio transmission scheme; and a radio base station replacement control apparatus which controls replacement of said radio base station.

22. (new): A mobile communication system, comprising: a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture; a radio base station which communicates with said mobile terminal unit via a radio channel; and a radio controller which controls said radio base station, and is physically separated into first control means for controlling a terminal resource of said mobile terminal unit and second control means for accommodating said radio base station under the control and controlling a base station resource of said radio base station; and a radio base station replacement control apparatus which controls replacement of said radio base station.

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23. (new): A mobile communication system according to claim 19, further comprising a network which connects said first control means, second control means, and radio base station replacement control apparatus.

24. (new): A mobile communication system according to claim 19, wherein said radio base station replacement control apparatus comprises means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.

25. (new): A mobile communication system according to claim 24, wherein said radio base station replacement control apparatus further comprises means for notifying said first control means of identification information of said radio base station as an object of replacement and identification information of said second control means as an accommodation destination.

26. (new): A radio base station replacement control apparatus which controls replacement of a radio base station in a mobile communication system which comprises a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture, said radio base station which communicates with said mobile terminal unit via a radio channel, and a radio controller which controls said radio base station, and is physically separated into first control means for controlling transfer of signaling and

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second control means for accommodating said radio base station under the control and controlling transfer of user data, wherein said first and second control means are physically independent of each other.

27. (new): A radio base station replacement control apparatus which controls replacement of a radio base station in a mobile communication system which comprises a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture, said radio base station which communicates with said mobile terminal unit via a radio channel, and a radio controller which controls said radio base station, and is physically separated into first control means for performing control independent of a radio transmission scheme and second control means for accommodating said radio base station under the control and performing control depending on a radio transmission scheme, wherein said first and second control means are physically independent of each other.

28. (new): A radio base station replacement control apparatus which controls replacement of a radio base station in a mobile communication system which comprises a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture, said radio base station which communicates with said mobile terminal unit via a radio channel, and a radio controller which controls said radio base station, and is physically separated into first control means for controlling transfer of signaling and second control means for accommodating said radio base station under the control and

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controlling transfer of user data, said second control means performing control depending on a radio transmission scheme, wherein said first and second control means are physically independent of each other.

29. (new): A radio base station replacement control apparatus which controls replacement of a radio base station in a mobile communication system, which comprises a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture, said radio base station which communicates with said mobile terminal unit via a radio channel, and a radio controller which controls said radio base station, and is physically separated into first control means for controlling a terminal resource of said mobile terminal unit and second control means for accommodating said radio base station under the control and controlling a base station resource of said radio base station, wherein said first and second control means are physically independent of each other.

30. (new): A radio base station replacement control apparatus according to claim 26, wherein said first and second control means are connected across a network.

31. (new): A radio base station replacement control apparatus according to claim 26, further comprising means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.

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32. (new): A radio base station replacement control apparatus according to claim 31, further comprising means for notifying said first control means of identification information of said radio base station as an object of replacement and identification information of said second control means as an accommodation destination.

33. (new): A radio base station replacement control method in a communication system which comprises a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture, a radio base station which communicates with the mobile terminal unit via a radio channel, a radio controller which controls the radio base station, and is physically separated into first control means for controlling transfer of signaling and second control means for accommodating the radio base station under the control and controlling transfer of user data, and a radio base station replacement control apparatus which is provided physically independently of the first and second control means and controls replacement of the radio base station, wherein the method comprises the step of notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate the radio base station.

34. (new): A radio base station replacement control method according to claim 33, further comprising the step of notifying the first control means of identification information of the radio

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base station as an object of replacement and identification information of the second control means as an accommodation destination.

35. (new): A program for causing a computer to execute a radio base station replacement control method in a communication system which comprises a mobile terminal unit in which a calling process and a Node b utilized for cell setting are controlled by the same protocol architecture, a radio base station which communicates with the mobile terminal unit via a radio channel, a radio controller which controls the radio base station, and is physically separated into first control means for controlling transfer of signaling and second control means for accommodating the radio base station under the control and controlling transfer of user data, and a radio base station replacement control apparatus which is provided physically independently of the first and second control means and controls replacement of the radio base station, wherein the program comprises the step of notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate the radio base station.

36. (new): A program according to claim 35, further comprising the step of notifying the first control means of identification information of the radio base station as an object of replacement and identification information of the second control means as an accommodation destination.

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37. (new): A mobile communication system according to claim 20, further comprising a network which connects said first control means, second control means, and radio base station replacement control apparatus.

38. (new): A mobile communication system according to claim 21, further comprising a network which connects said first control means, second control means, and radio base station replacement control apparatus.

39. (new): A mobile communication system according to claim 22, further comprising a network which connects said first control means, second control means, and radio base station replacement control apparatus.

40. (new): A mobile communication system according to claim 20, wherein said radio base station replacement control apparatus comprises means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.

41. (new): A mobile communication system according to claim 21, wherein said radio base station replacement control apparatus comprises means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.

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42. (new): A mobile communication system according to claim 22, wherein said radio base station replacement control apparatus comprises means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.

43. (new): A mobile communication system according to claim 23, wherein said radio base station replacement control apparatus comprises means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.

44. (new): A radio base station replacement control apparatus according to claim 27, wherein said first and second control means are connected across a network.

45. (new): A radio base station replacement control apparatus according to claim 28, wherein said first and second control means are connected across a network.

46. (new): A radio base station replacement control apparatus according to claim 29, wherein said first and second control means are connected across a network.

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47. (new): A radio base station replacement control apparatus according to claim 27, further comprising means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.

48. (new): A radio base station replacement control apparatus according to claim 28, further comprising means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.

49. (new): A radio base station replacement control apparatus according to claim 29, further comprising means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.

50. (new): A radio base station replacement control apparatus according to claim 30, further comprising means for notifying, in response to an external trigger, a radio base station as an object of replacement of identification information of second control means which is to newly accommodate said radio base station.